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To:	Examiner J.A. Garcia Group Art Unit: 2823	From:	Leslie S. Szivos, Ph.D.
Fax:	703-872-9306	Pages:	6 including cover
Phone:		Date:	11/17/2004
Re:	Cyril Cabral, Jr., et al. U.S. Patent Appln. No. 10/643,534 Our Docket: YOR920030194US1 (16695)	CC:	

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1. Transmittal Letter (in duplicate)
2. Response under 37 CFR 1.111 and 1.143
3. Certificate of Facsimile

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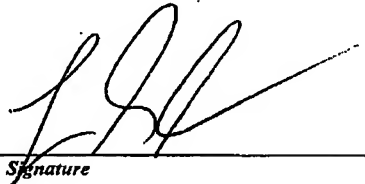
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CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)			Docket No.	
Applicant(s): Cyril Cabral, Jr., et al.			YOR920030194US1 (16695)	
Application No. 10/643,534	Filing Date 8/19/2003	Examiner J.A. Garcia	Group Art Unit 2823	
Invention: ATOMIC LAYER DEPOSITION OF METALLIC CONTACTS, GATES AND DIFFUSION BARRIERS				
<p>I hereby certify that this <u>RESPONSE UNDER 37 CFR 1.111 AND 1.143</u> (Identify type of correspondence)</p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9306</u>)</p> <p>on <u>November 17, 2004</u> (Date)</p> <p><u>Leslie S. Szivos, Ph.D. Registration No. 39,394</u> (Typed or Printed Name of Person Signing Certificate)</p> <p><u>[Signature]</u> (Signature)</p> <p>Note: Each paper must have its own certificate of mailing.</p>				

P18/REV02

TRANSMITTAL LETTER (General - Patent Pending)				Docket No. YOR920030194US1 (16695)	
In Re Application Of: Cyril Cabral Jr., et al.					
Application No. 10/643,534	Filing Date August 19, 2003	Examiner J.A. Garcia	Customer No. 23389	Group Art Unit 2823	Confirmation No. 4259
Title: ATOMIC LAYER DEPOSITION OF METALLIC CONTACTS, GATES AND DIFFUSION BARRIERS					
<u>COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is: Response Under 37 C.F.R. §1.111 and 1.143					
in the above identified application.					
<input checked="" type="checkbox"/> No additional fee is required.					
<input type="checkbox"/> A check in the amount of _____ is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 50-0510/IBM as described below.					
<input type="checkbox"/> Charge the amount of _____					
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<input checked="" type="checkbox"/> Charge any additional fee required.					
 _____ <i>Signature</i>			Dated: November 17, 2004		
Leslie S. Szivos, Ph.D. Registration No. 39,394			<div style="border: 1px solid black; padding: 5px;"><div>I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</div><div style="text-align: center; margin-top: 10px;"><i>Signature of Person Mailing Correspondence</i></div><div style="text-align: center; margin-top: 10px;"><i>Typed or Printed Name of Person Mailing Correspondence</i></div></div>		
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P16A/REV02

TRANSMITTAL LETTER (General - Patent Pending)				Docket No. YOR920030194US1 (16695)	
In Re Application Of: Cyril Cabral Jr., et al.					
Application No. 10/643,534	Filing Date August 19, 2003	Examiner J.A. Garcia	Customer No. 23389	Group Art Unit 2823	Confirmation No. 4259
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<input type="checkbox"/> Charge the amount of _____					
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<input checked="" type="checkbox"/> Charge any additional fee required.					
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Leslie S. Szivos, Ph.D. Registration No. 39,394			<div style="border: 1px solid black; padding: 5px;"><div>I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</div><div style="text-align: center; margin-top: 10px;"><i>Signature of Person Mailing Correspondence</i></div><div style="text-align: center; margin-top: 10px;"><i>Typed or Printed Name of Person Mailing Correspondence</i></div></div>		
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Cyril Cabral Jr., et al. **Examiner:** J.A. Garcia
Serial No: 10/643,534 **Art Unit:** 2823
Filed: August 19, 2003 **Docket:** YOR920030194US1 (16695)
Dated: November 17, 2004
For: ATOMIC LAYER DEPOSITION OF METALLIC CONTACTS,
GATES AND DIFFUSION BARRIERS

Confirmation No.: 4259

Commissioner for Patents
United States Patent Office
Alexandria, VA 23313-1450

RESPONSE UNDER 37 C.F.R. §§ 1.111 AND 1.143

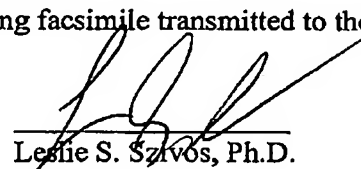
Sir:

In response to the Office Action dated October 20, 2004, applicants elect, without traverse, the first species wherein the second exposing step is directed to second exposing with a Si source for continued prosecution in the above-identified patent application.

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Leslie S. Szivós, Ph.D.